Index of Claims

| App | licati | on/Co | ntrol | No. |
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|-----|--------|-------|-------|-----|

09/590,527

Examiner

James M. Mitchell

Applicant(s)/Patent und r Reexamination

AKRAM, SALMAN Art Unit

2813

| <b>√</b> | Rej ct d |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
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|   |                                |

Restricted

| N | Non-El cted  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla  | im.      | Г  |                    | aim Date |          |           |          |          |  | Claim Date   |              |          |                   |          |         |                         | CI  | aim             | Date      |           |       |              |            |  |                |              |          |          |          |          |           |   |
|--|----------|--|--------------------|----------|----------|-----------|----------|----------|--|--|--------------|----------|-------------------|----------|---------|-------------------------|---|-----------------|-----------|-----------|-------|--------------|------------|--|----------------|--------------|----------|----------|----------|----------|-----------|---|
| Final  | Original |  |                    |          |          |           |          |          |  |  | Final        | Original |                   |          |         |                         |   |                 |           |           |       | Final        | Original   |  |                |              |          |          |          |          |           |   |
|  | 1        |  |                    | $\vdash$ | T        | $\dagger$ | t        | T        | $\vdash$   | П  |              | 51       | H                 | T        |         | $\dagger$               | +-  |                 | $\exists$ | $\exists$ |       |              | 101        |  |                |              |          |          |          |          | $\exists$ |   |
|  | 2        |  |                    | Т        | T        | T         | T        |          | İ  |  |              | 52       |                   |          | T       | Τ                       | Τ   | П               |           |           |       |              | 102        |  |                |              |          |          |          |          | П         |   |
|  | 3        |  |                    |          |          |           |          |          |  |  |              | 53       |                   |          |         |                         | T   |                 |           |           |       |              | 103        |  |                |              |          |          |          |          |           |   |
|  | 4        |  |                    |          |          |           |          |          |  |  |              | 54       |                   |          |         |                         |   |                 |           |           |       |              | 104        |  |                |              |          |          |          |          | $\Box$    |   |
|  | 5        |  |                    |          |          |           |          |          |  |  |              | 55       |                   |          | $\bot$  |                         | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |                 |           |           |       |              | 105        |  |                |              |          |          |          |          |           |   |
|  | 6        |  |                    | L        |          |           | L.       | <u> </u> | ╙  | $oxed{oxed}$   |              | 56       | Ш                 |          | ᆚ       | 丄                       |   | Ц               | _         |           |       |              | 106        |  |                |              |          |          | _        | _        | _         |   |
|  | 7        | _  |                    | L        | 上        | ↓_        | $\perp$  | ┖        | <u> </u>   |  |              | 57       | Ц                 |          | 4       | 4_                      | 1_  | Ш               | _         |           |       |              | 107        |  |                |              |          |          | _        | _        | _         |   |
|  | 8        | L  |                    | L        | ┺        | ╙         | ┺        | _        | ┞-   |  |              | 58       | Ш                 | _        | _       | 4_                      | 1   | $\sqcup$        | _         |           |       |              | 108        | Ш  | _              |              |          |          | _        | _        | -         | _ |
|  | 9        | _  | <u> </u>           | L        | ╄        | ╄         | ┼        | ļ        | ┡  |  |              | 59       | ${oxed}$          | 4        | +       | 4-                      | 4—  | Н               | $\dashv$  | _         |       |              | 109        | Ш  | $\blacksquare$ |              |          | $\dashv$ | $\dashv$ |          |           |   |
|  | 10       | <u> </u>   | <u> </u>           | <u> </u> | ╀        | ╄         | ╄        | <b> </b> | ┡  |  |              | 60       | $\vdash$          | -        | +       | +                       | -   | $\vdash$        | $\dashv$  | _         |       |              | 110        | H  | _              |              |          | -        |          |          | $\dashv$  | _ |
|  | 11       | ⊢  | -                  | _        | ╀        | ₩         | +-       | -        | $\vdash$   | $\vdash$   |              | 61       | ├┤                | -        | +       | +                       | +   | $\vdash$        | $\dashv$  | -         |       | <u> </u>     | 111<br>112 | Н  |                | -            | <u> </u> | $\vdash$ |          |          | $\dashv$  | - |
|  | 12<br>13 | $\vdash$   | -                  | $\vdash$ | +        | ╁         | +-       | $\vdash$ | $\vdash$   | $\vdash$   |              | 62<br>63 | $\vdash \vdash$   | +        | +       | ╁                       | +-  | $\vdash$        | $\dashv$  |           |       |              | 113        | Н  | $\vdash$       | ├            | <u> </u> | $\vdash$ |          |          | $\dashv$  | - |
| <u> </u>   | 14       | $\vdash$   | -                  | $\vdash$ | +        | +         | +-       | $\vdash$ | $\vdash$   |  |              | 64       | $\vdash$          | $\dashv$ | +       | +-                      | +   | $\vdash \vdash$ | $\dashv$  | -         |       |              | 114        | $\vdash$   | $\vdash$       | <del></del>  |          | H        |          |          | $\dashv$  | - |
| <del> </del>                                     | 15       | -  | $\vdash$           | $\vdash$ | +        | +-        | +        | $\vdash$ | <del>                                     </del> | -  |              | 65       | $\vdash \vdash$   | $\dashv$ | +       | +                       | +   | $\vdash$        | $\dashv$  |           |       |              | 115        | Н  | $\vdash$       | -            | -        | H        |          | -        | $\dashv$  |   |
| <u> </u>   | 16       | $\vdash$   | ┢                  | Н        | +        | +         | 1        | H        | ┢  | <del>                                     </del>   |              | 66       | $\vdash$          | $\dashv$ | +       | +-                      | 1   | $\vdash$        | $\dashv$  | _         |       | <del></del>  | 116        | Н  | $\vdash$       | _            | $\vdash$ | Н        | $\dashv$ | $\dashv$ | $\dashv$  |   |
| <del>                                     </del> | 17       | <del>                                     </del> | $\vdash$           | _        | T        | T         | †-       | T        | t  | Н  |              | 67       |                   | $\dashv$ | +       | +                       |   | H               | 十         |           |       |              | 117        | П  | $\dashv$       |              | Н        | Н        |          | -        | $\dashv$  |   |
| _  | 18       | ╁  | $\vdash$           | Н        | †        | t         | T        | $t^{-}$  | 1  | Т  |              | 68       | П                 |          | +       | 十                       | †   |                 | _         |           |       |              | 118        |  |                |              | _        | П        |          | $\neg$   | 一         |   |
|  | 19       | $\vdash$   |                    |          | $\top$   | T         | T        | T        | T  |  | _            | 69       |                   |          | T       | 十                       | 1   |                 | ヿ         |           |       |              | 119        | _  |                |              |          |          |          | $\neg$   | ヿ         |   |
|  | 20       | T  |                    | Т        | ╁        | †         | 1        | 1        |  |  |              | 70       | П                 |          | 1       | $\top$                  | $\top$  | П               | $\neg$    |           |       |              | 120        |  |                |              |          | П        |          | ヿ        | $\neg$    |   |
|  | 21       | T  |                    |          | T        | Т         | 1        |          |  |  |              | 71       |                   |          | 1       | Т                       | 1   | П               | 一         |           |       |              | 121        |  |                |              |          |          |          |          | $\Box$    |   |
|  | 22       |  | Г                  |          | Τ        | Π         |          |          |  |  |              | 72       |                   |          | Τ.      |                         |   |                 |           |           |       |              | 122        |  |                |              |          |          |          |          |           |   |
|  | 23       |  |                    |          |          |           |          |          |  |  |              | 73       |                   |          |         |                         |   |                 |           |           |       |              | 123        |  |                |              |          |          |          |          | _]        |   |
|  | 24       | <u> </u>   | $oxedsymbol{oxed}$ |          |          |           | <u> </u> |          |  | $ldsymbol{ld}}}}}}$ |              | 74       | Ц                 |          |         | $\perp$                 |   | Ш               | _         |           |       |              | 124        |  |                |              |          |          |          |          | _         |   |
|  | 25       |  | <u> </u>           | L        | <u> </u> | _         | 丄        |          | _  | <u> </u>   |              | 75       | $\Box$            |          | _       | $\perp$                 | _   | Ш               | _         |           |       |              | 125        | L.   |                |              |          | Ш        |          |          | _         |   |
|  | 26       | <u> </u>   |                    | L        | ╄        | _         | ↓_       | ↓_       | ┞  | $ldsymbol{f eta}$  |              | 76       | $\sqcup$          | _        | 4       | 4                       | -   | Ш               | $\dashv$  |           |       | <u> </u>     | 126        |  | Ш              | _            | ldash    | _        |          |          | _         | _ |
|  | 27       | Ļ  | <u> </u>           | L        | ╄        | ╀         | ↓_       | _        | ┡  | $oxed{oldsymbol{oldsymbol{oldsymbol{eta}}}}$   |              | 77       | Ш                 | _        | 4       | 4                       | 4   | Ш               | _         |           |       |              | 127        |  |                | <u> </u>     | _        | <u> </u> |          |          |           | _ |
|  | 28       | <u> </u>   | <u> </u>           | L        | ╀        | 4         | ╄-       | ╄        | -  | <u> </u>   |              | 78       | $\square$         | 4        | +       | +                       | +   | $\vdash$        | $\dashv$  |           |       |              | 128        | -  | Н              | _            | L        | $\vdash$ | Ш        |          | $\dashv$  | _ |
|  | 29       | <u> </u>   | L                  | H        | +        | +-        | +        | ╄        | <b>├</b> -                                       | ⊢  |              | 79       | $\vdash$          | -+       | +       | +                       | +   | $\vdash$        | $\dashv$  | _         |       |              | 129        |  |                | _            | H        | H        |          | _        | $\dashv$  |   |
| <u> </u>   | 30       | ⊢  | ┝                  | ⊢        | ╀        | +         | ╁╌       | ╁┈       | $\vdash$   | ⊢  |              | 80<br>81 | Н                 | +        | +       | +-                      | +   | $\vdash$        | -         |           |       |              | 130<br>131 |  |                | -            | ┢        |          | -        |          | -         |   |
|  | 31<br>32 | ├  | -                  | ⊢        | ╁        | ┿         | ╀        | $\vdash$ | ⊢  | -  | <u> </u>     | 82       | $\vdash$          | $\dashv$ | +       | ╁                       | ╁   | Н               | -         | _         |       | <u> </u>     | 132        | -  |                | -            | ├        |          | Н        |          | $\dashv$  | _ |
| -  | 33       | ┝  | ┢                  | ┝        | ╁╴       | +         | +        | $\vdash$ | $\vdash$   | $\vdash$   | -            | 83       | Н                 | $\dashv$ | +       | +                       | +   | $\vdash$        | $\dashv$  | _         |       | <del> </del> | 133        |  | Н              | ┢            | ┢        | H        | Н        |          | $\dashv$  | _ |
| $\vdash$   | 34       | $\vdash$   | $\vdash$           | $\vdash$ | +        | +-        | +        | $\vdash$ | +  | +-   |              | 84       | H                 | +        | 十       | +                       | +   | $\vdash$        | 一         |           |       | <b> </b>     | 134        | $\vdash$   | H              | $\vdash$     | $\vdash$ |          | $\vdash$ | -        | $\dashv$  | _ |
| <b></b>  | 35       | т  | T                  | Н        | +        | T         | T        | 1        | 1-   |  | <b></b> -    | 85       | $\vdash$          | $\dashv$ | +       | $\top$                  | +   | Н               | $\dashv$  | _         | ::::: | $\vdash$     | 135        |  | М              |              | T        |          | Н        |          | 一         |   |
|  | 36       | T  |                    | Г        | T        | t         | 1        | 1        | 1-   | <del>                                     </del>   |              | 86       | П                 | $\dashv$ | $\top$  | $\top$                  | $\top$  | П               | $\neg$    |           | 1     |              | 136        |  | П              |              | Г        | П        |          |          | $\dashv$  |   |
| <u> </u>   | 37       | Т  | Т                  | Г        | 十        | †         | 1        |          | 1-   |  | <b> </b>     | 87       | П                 | $\dashv$ | 十       | $\top$                  | 1   | П               | 寸         |           |       |              | 137        | Г  |                |              | Г        |          |          |          | $\dashv$  |   |
|  | 38       |  | Г                  |          | 1        |           | 1        |          |  |  |              | 88       |                   |          | 丁       | I                       | $\perp$   |                 | コ         |           |       |              | 138        |  |                |              |          |          |          |          |           | _ |
|  | 39       |  |                    | Γ        | Ι        |           |          |          |  |  |              | 89       |                   |          |         | $oldsymbol{\mathbb{L}}$ |   |                 |           | _         |       |              | 139        |  |                |              |          |          |          |          |           |   |
|  | 40       |  | L.                 |          |          |           |          |          |  |  |              | 90       |                   | $\Box$   |         |                         | $\prod$   |                 |           |           |       |              | 140        |  |                |              |          |          |          |          | $\Box$    |   |
|  | 41       |  |                    |          |          |           |          |          |  |  |              | 91       |                   | $\Box$   | $\perp$ |                         | $\perp$   | П               | 耳         |           |       |              | 141        | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$        |                | $\Box$       | 匚        |          |          |          | $\Box$    |   |
|  | 42       | L  |                    | Ĺ        | <u> </u> |           |          |          |  |  | L            | 92       | Ц                 | _        | 1       | L                       |   | Ш               | _         |           | liiii | <u> </u>     | 142        | <u> </u>   | Ш              | <u> </u>     | <u> </u> |          | Ш        |          | _         | _ |
|  | 43       | L  | L                  | L        | $\perp$  |           | 1        | $\perp$  | 1_   | _  |              | 93       | Ш                 |          | $\perp$ | $\bot$                  | $\bot$  | $\sqcup$        | _ļ        |           |       |              | 143        | lacksquare                                       | Ш              | <u> </u>     | ╙        | $\sqcup$ | Щ        | $\Box$   | _         |   |
|  | 44       | _  | <u> </u>           | _        | ↓        | 1         | 1_       | $\vdash$ | 1_   | $\vdash$   | L            | 94       | $\sqcup$          | _        | $\perp$ | 4                       | +   | $\sqcup$        |           |           |       | <u> </u>     | 144        | <u> </u>   | Щ              | <del> </del> | ऻ_       | Ш        | Ш        |          |           |   |
|  | 45       | <u> </u>   | _                  | $\vdash$ | +        | 1         | $\bot$   | 1_       | <del> </del>                                     | <b>Ļ</b> _   | <u> </u>     | 95       | $\sqcup$          | +        | +       | 4                       | ┼   | $\vdash \dashv$ | _         | _         |       | <u> </u>     | 145        | <del>                                     </del> | Щ              | $\vdash$     | $\vdash$ | Н        | Щ        | $\sqcup$ |           |   |
| ļ  | 46       | <u> </u>   | ┞                  | $\vdash$ | ╁-       | $\vdash$  | $\vdash$ | ┼        | ┼  | $\vdash$   | <u> </u>     | 96       | <del>      </del> | -        | +       | +                       | +   | $\vdash \vdash$ | _         |           |       | <u> </u>     | 146        |  | Н              | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |           | _ |
|  | 47       | <u> </u>   | ┡                  | $\vdash$ | +        | +         | +        | ╀-       |  | ⊢  |              | 97       | $\vdash$          | +        | +       | +                       | +   | $\vdash$        | -+        |           |       | <del> </del> | 147<br>148 | $\vdash$   | $\vdash$       | ├            | -        | H        | Н        | $\vdash$ | $\dashv$  | _ |
| <u> </u>   | 48       | <u> </u>   | <u> </u>           | -        | +        | ╀         | ╀        | +-       | ⊢  | ┝  | <u> </u>     | 98<br>99 | $\vdash \vdash$   | $\dashv$ | +       | +-                      | +   |                 | $\dashv$  | _         |       |              | 148        | -  | -              | ├            | -        | $\vdash$ | $\vdash$ |          | $\dashv$  | _ |
| <del> </del>                                     | 49       | -  | $\vdash$           | $\vdash$ | +        | +         | +-       | $\vdash$ | +  | +  | <del> </del> |          | $\vdash$          | •        | +       | +                       | +   | $\vdash \vdash$ | $\dashv$  | _         |       |              | 150        | $\vdash$   | H              | -            | $\vdash$ | $\vdash$ | Н        | $\vdash$ | $\dashv$  | _ |
|  | 50       | 11   |                    | l        | 1 .      | L_        |          | 1        | 1  | L_   | <br>1        | 100      | 1 l               | - 1      | - 1     | 1                       | 1   | 1 1             | - 1       |           | ::::: |              | 100        |  |                |              | 1        |          |          |          |           |   |